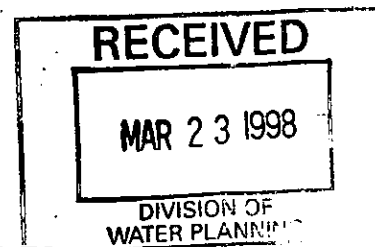




Federal Emergency Management Agency

Washington, D.C. 20472



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:
Case No.: 98-09-240P

The Honorable Ray Masayko
Mayor, City of Carson City
201 North Carson Street, Suite 201
Carson City, Nevada 89701

Community: City of Carson City, Nevada
Community No.: 320001
Panels Affected: 0040 B and 0040
Effective Date of **MAR 10 1998**
This Revision:

102-I-A-C

Dear Mayor Masayko:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM), Flood Boundary and Floodway Map (FBFM), and Flood Insurance Study (FIS) report for your community in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated November 18, 1997, Mr. John P. Givlin, P.E., Senior Engineer, Public Works Department, City of Carson City, requested that FEMA revise the FIRM and FBFM to show the effects of the placement of fill from approximately 1,000 feet upstream to approximately 2,000 feet upstream of Deer Run Road along the Carson River.

All data required to complete our review of this request were submitted with letters from Mr. Ralph M. Hogoboom, P.E., Engineering Manager, Lumos & Associates, and Mr. Givlin.

We have completed our review of the submitted data and the flood data shown on the effective FIRM and FBFM. We have revised the FIRM and FBFM to modify the floodplain and floodway boundary delineations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along the Carson River. As a result of the modifications, the base flood elevations (BFEs) for the Carson River increased in some areas and decreased in other areas; the width of the Special Flood Hazard Area (SFHA), the area that would be inundated by the base flood, decreased; and the width of the regulatory floodway decreased. The modifications are shown on the enclosed annotated copies of FIRM Panel(s) 0040 B, FBFM Panel(s) 0040, and affected portions of the Floodway Data Table. Because of scale limitations and rounding to the nearest tenth of a foot, the changes in BFEs are not shown on the enclosed annotated FIRM panel, Profile Panel 02P, and the Floodway Data Table. This Letter of Map Revision (LOMR) hereby revises the above-referenced panel(s) of the effective FIRM and FBFM dated March 4, 1986, and the affected portions of the effective FIS report dated October 16, 1996.

The modifications are effective as of the date shown above. The map panel(s) as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

Because the modified BFEs rounded to the nearest whole foot do not differ from the effective BFEs, they will not be published in your community's local newspaper or in the *Federal Register*.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

We will not physically revise and republish the FIRM, FBFM, and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM and FBFM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

The floodway is provided to your community as a tool to regulate floodplain development. Therefore, the floodway modifications described in this LOMR, while acceptable to FEMA, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development, and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM and FBFM to which the regulations apply and the modifications described in this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Ms. Dorothy M. Lacey
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
The Presidio of San Francisco, Building 105
San Francisco, California 94129-1250
(415) 923-7177

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please contact the CCO for your community at the telephone number cited above. If you have any technical questions regarding this LOMR, please contact Mr. Mike Grimm of our staff in Washington, DC, either by telephone at (202) 646-2878 or by facsimile at (202) 646-4596.

Sincerely,

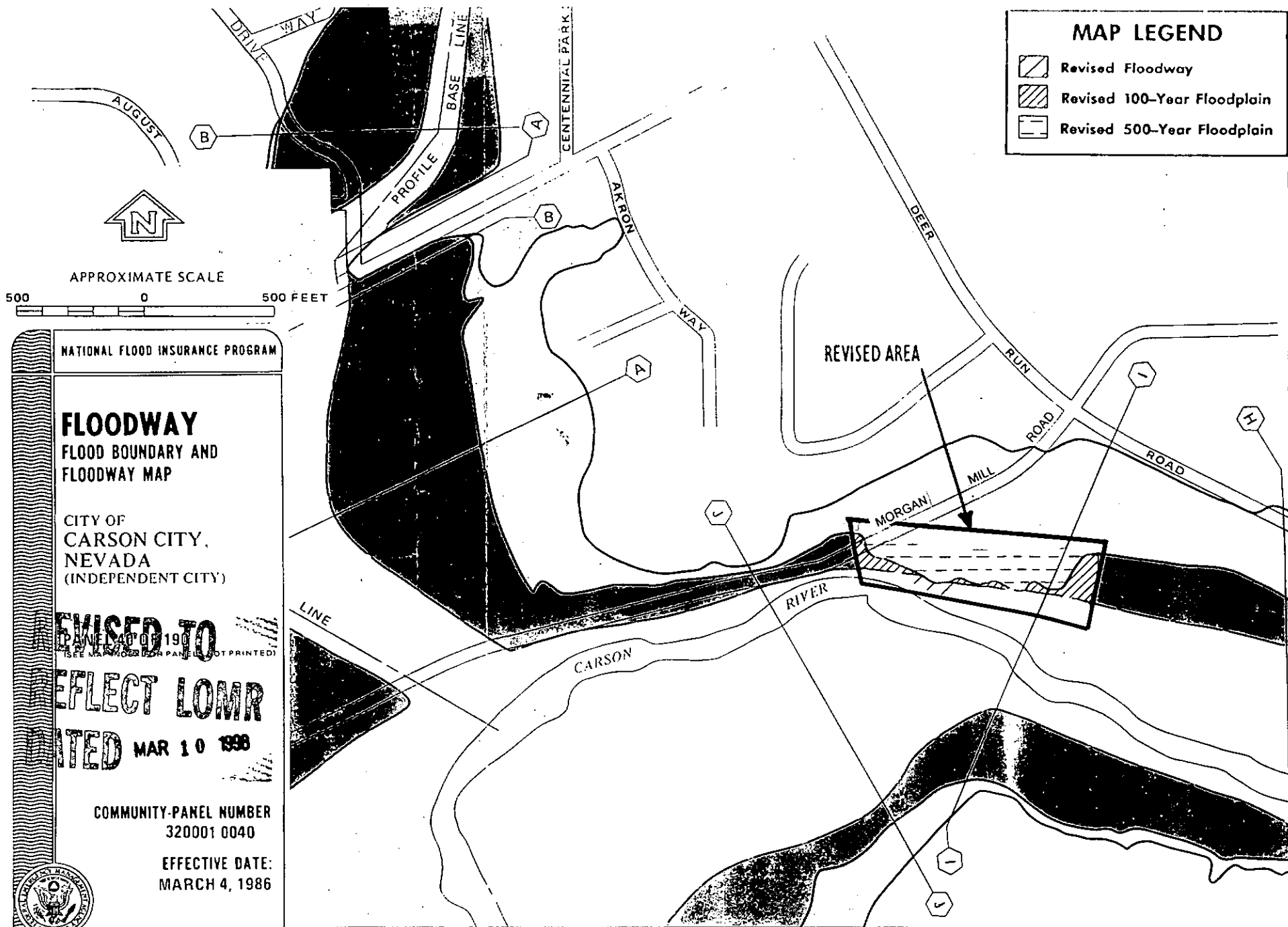


Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate



Enclosure(s)

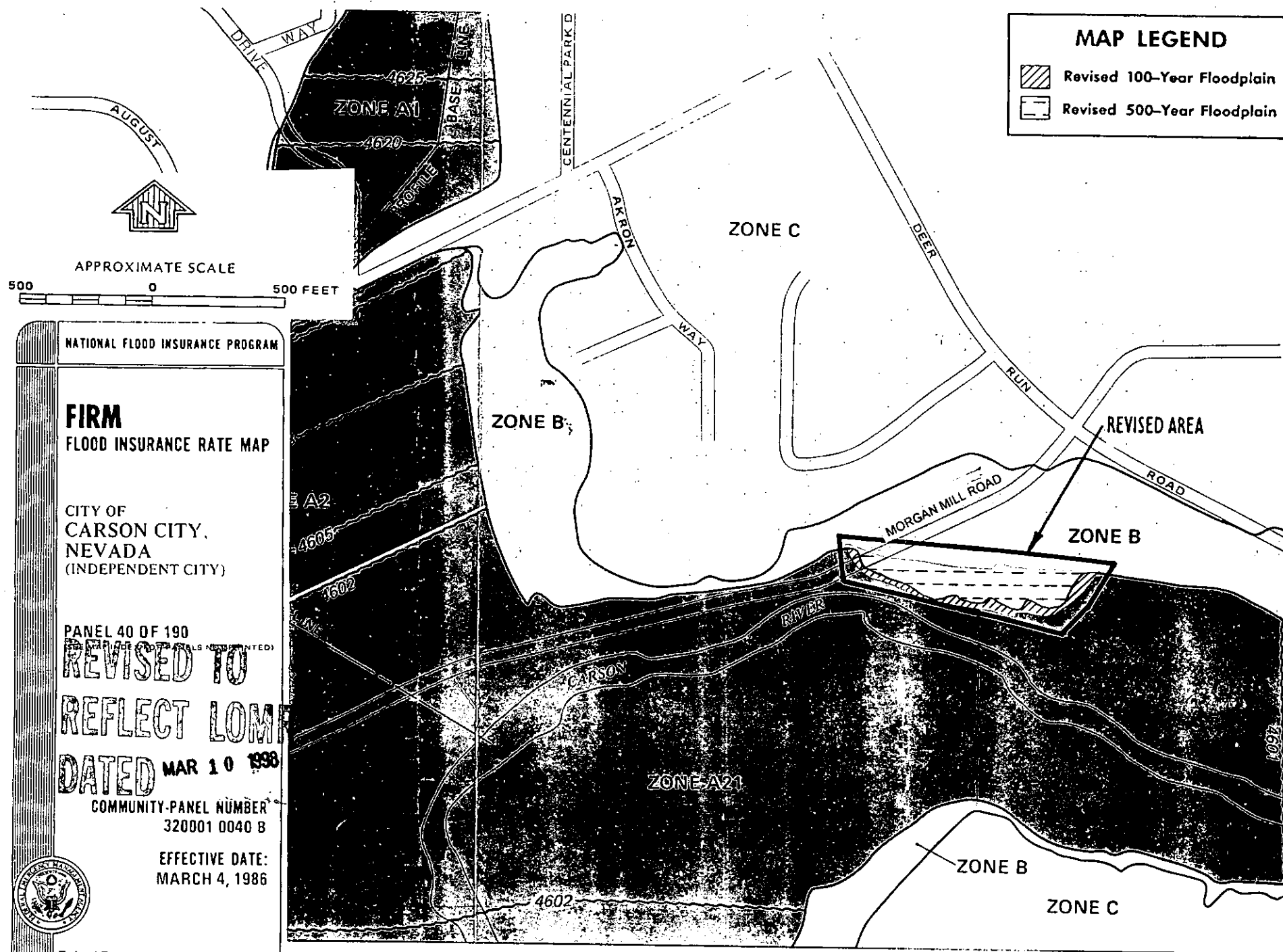
cc: Mr. John P. Givlin, P.E.
Senior Engineer
Public Works Department
City of Carson City

Mr. Ralph M. Hogoboom, P.E.
Engineering Manager
Lumos & Associates, Inc.



MAP LEGEND

-  Revised 100-Year Floodplain
-  Revised 500-Year Floodplain



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CITY OF
CARSON CITY,
NEVADA
(INDEPENDENT CITY)

PANEL 40 OF 190

REVISED TO
REFLECT LOMF
DATED MAR 10 1986

COMMUNITY-PANEL NUMBER
320001 0040 B

EFFECTIVE DATE:
MARCH 4, 1986



Federal Emergency Management Agency

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Carson River		REVISED DATA			(FEET NGVD)			
A	0	266	2,763	13.0	4,579.5	4,579.5	4,580.5	1.0
B	1,140	162	1,921	18.7	4,586.8	4,586.8	4,586.9	0.1
C	2,845	144	2,195	16.4	4,595.1	4,595.1	4,595.1	0.0
D	4,045	170	3,441	10.5	4,599.6	4,599.6	4,599.7	0.1
E	4,455	340	5,987	6.0	4,600.5	4,600.5	4,601.2	0.7
F	4,565	225	5,235	6.9	4,600.6	4,600.6	4,601.3	0.7
G	4,645	375	7,460	4.8	4,601.1	4,601.1	4,601.6	0.5
H	5,005	700	13,135	2.7	4,601.4	4,601.4	4,602.0	0.6
I	6,185	500	9,785	3.7	4,601.4	4,601.4	4,602.0	0.6
J	7,225	960	17,021	2.1	4,601.5	4,601.5	4,602.3	0.8
K	10,375	2,501	37,726	1.0	4,601.7	4,601.7	4,602.5	0.8
L	11,475	2,765	37,158	1.0	4,601.7	4,601.7	4,602.5	0.8
M	13,195	2,342	28,053	1.3	4,601.7	4,601.7	4,602.5	0.8
N	14,835	1,215	13,130	2.7	4,601.7	4,601.7	4,602.5	0.8
O	16,680	1,253	11,609	3.1	4,602.0	4,602.0	4,602.8	0.8
P	18,060	1,314	10,623	3.4	4,602.4	4,602.4	4,603.3	0.9
Q	19,620	3,392	20,277	1.8	4,602.8	4,602.8	4,603.7	0.9
R	20,760	3,421	18,706	1.9	4,603.0	4,603.0	4,603.9	0.9
S	21,990	3,223	14,848	2.4	4,603.2	4,603.2	4,604.1	0.9
T	23,410	2,238	6,035	6.0	4,604.6	4,604.6	4,604.9	0.3
U	24,575	1,212	5,671	6.3	4,607.0	4,607.0	4,607.3	0.3
V	25,020	1,104	3,756	9.1	4,609.1	4,609.1	4,609.1	0.0
W	25,050	1,050	3,665	9.8	4,609.1	4,609.1	4,609.1	0.0
X	26,815	445	4,814	7.5	4,612.5	4,612.5	4,613.3	0.8
Y	28,845	185	2,449	14.7	4,614.5	4,614.5	4,615.1	0.6
Z	30,380	180	2,995	12.0	4,618.4	4,618.4	4,619.4	1.0
AA	32,130	188	2,427	14.8	4,621.8	4,621.8	4,622.8	1.0

¹Feet Above Downstream Limit of Detailed Study (Located 150 feet Upstream of Brunswick Canyon Road)

T
A
B
L
E

3

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF CARSON CITY, NV
(INDEPENDENT CITY)

FLOODWAY DATA

CARSON RIVER

REVISED TO
REFLECT LOMR
DATED MAR 10 1998